

**STATEMENT OF WORK
FOR THE
REPLACEMENT OF FLIGHTLINE MICROWAVE DETECTORS**

1 General Background:

The purpose for this project is to purchase and replace the Flightline Microwave Detectors located at NASA Dryden Flight Research Center (DFRC), Edwards AFB, CA.

2 Instructions:

The Vendor shall provide and install two Flightline Microwave Detectors at the NASA Dryden Flight Research Center. The Vendor must be familiar with Bosch Remote Programming Software (RPS).

A. Site Survey:

A site survey will be offered to vendors wishing to bid on this statement of work. A date will be provided for the survey along with instructions to submit personnel wishing to attend. There will be a limit of two representatives per vendor.

3 Requirements:

Installation will consist of the following hardware

(Two) 310B Southwest Microwave – K-Band Intrusion Link w/mounting bracket, transmitter, and receiver
(One) RM83 Southwest Microwave – Test Set
(Two) PS13 Power Supplies
(Two) 12V20ah Batteries
Misc. Hardware for installation for equipment

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4. Scope of Work:

The Vendor will provide, and install the materials as listed. The Vendor will provide system integration programming and testing as required. The new equipment will connect to, and be controlled by the existing Bosch head end, controllers, and power supplies. The Vendor will remove the existing microwave detectors, align and test the new detectors. The Vendor will utilize the existing solar panels, and battery chargers, wireless link and cabling. The condition of the existing equipment is the responsibility of NASA and may need to be replaced upon testing. Any additional materials, and/or labor required to replace existing equipment will incur additional cost.

5. Evaluation Requirements:

Each Solicitation will be evaluated on the specifications listed above, past performance rating for quality and dependability of product and support.

6. Deliverables:

Vendor to provide solution to meet specifications for all areas annotated above. The installation and programming must be delivered within 120 days of contract award.